# USER'S GUIDE


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F20251
F26251

RCA

COLOR TV

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# Important Information

**WARNING**

To reduce the risk of fire or shock hazard, do not expose this TV to rain or moisture.

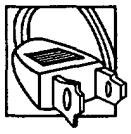
**WARNING**

RISK OF ELECTRIC SHOCK
DO NOT OPEN

**TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.



To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqú au fond.

## Cautions

Do not defeat the safety feature of the plug. The wide blade fits into the wall socket only one way. If you need an extension cord, make sure it matches the plug of the TV.

Operate TV only on 120 volts, 60 Hz AC power (normal house power) .

For safety reasons, make sure any equipment or accessories connected to this product bears the UL listing mark or CSA certification mark. If in doubt, contact qualified service personnel.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

## Note To Cable TV Installer

This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

## Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you ever need them. The numbers are located on the back of the TV.

Model No._____

Serial No._____

Purchase Date: _____

Dealer/Address/Phone:_____

_____

_____



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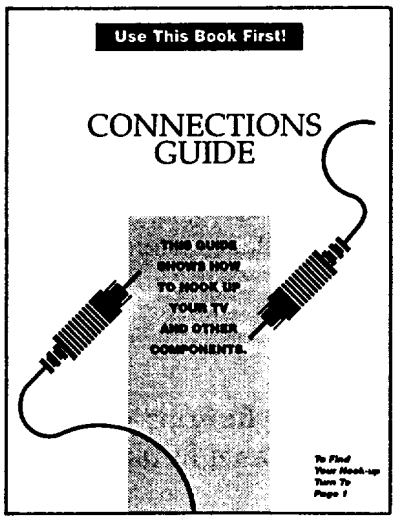
# Quick Guide to Your TV

## Startup

The steps below will get your TV connected and ready for watching.
*For more details, see the page numbers listed.*

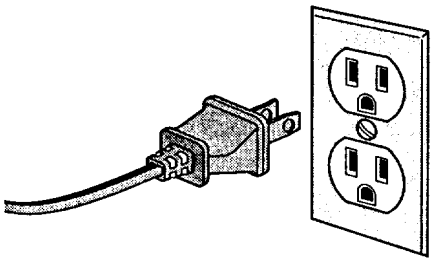
### 1. Hook up your TV

*Details are in the Connections Guide.*



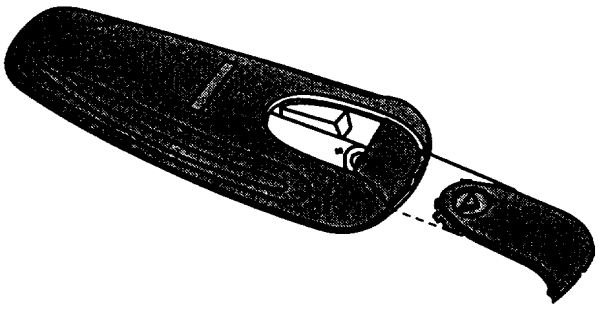

Hook up any antennas, cables or other equipment to your TV before you follow the steps below.

### 2. Plug in the TV



Plug the cord into the outlet, matching the wide and the small end of the plug with the outlet.

### 3. Put Batteries in the Remote



A. Pull off the cover of the battery compartment.

B. Place the two AAA batteries as shown, matching the + and – end of each battery in the compartment.

C. Replace the cover.



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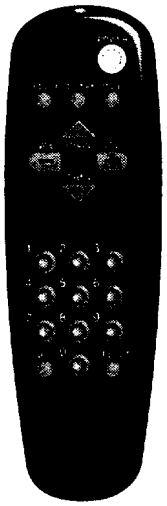
# Quick Guide to Your TV

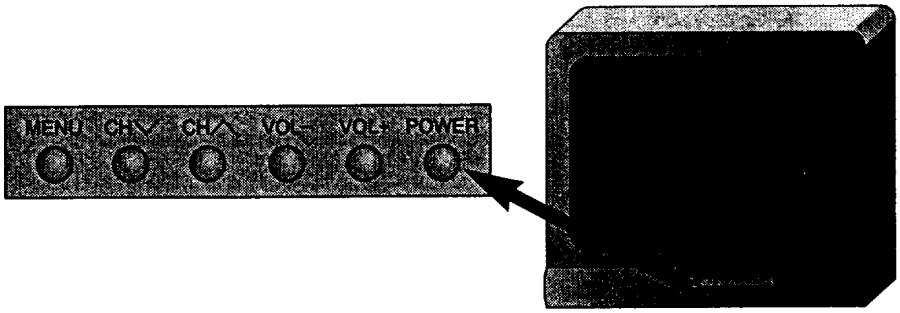
## Startup

### 4. Turn on the TV



Press POWER on the remote.

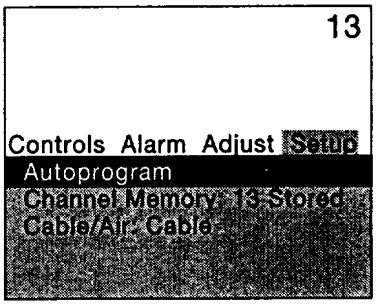
OR




Press POWER on the TV.

### 5. Place all available channels in memory (AutoProgram)

*Details for adding and deleting channels are on page 11.*

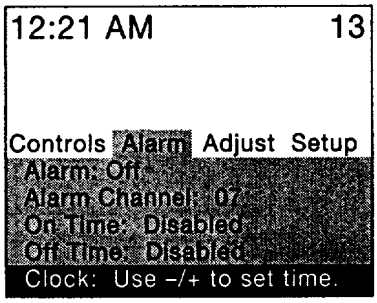



A. Press MENU on the TV front panel until the Setup menu is selected. This menu is white.

B. Press + to place channels in the TV's memory (Autoprogram).

C. Wait until TV has cycled through all the channels and returns to the original channel.

### 6. Set the Time




A. Press MENU until the Alarm menu is selected. This menu is green.

B. The Clock is automatically highlighted the first time you set it. If it is not, press CHANNEL down to highlight it.

C. Press – to set the hour.

D. Press + to set the minutes.

E. Press DISPLAY to remove the menu from the screen.



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# Quick Guide to Your TV

## Basic Tour of the Remote

Basic information about your remote is shown below. This will give you a general idea of how your remote works. *For more details, see page 6.*

**Power Button**

Turns the TV on and off.

**Volume, Channel, and Special Buttons**
*Details are on page 6.*

Operates the TV.

Operates special features of the TV.



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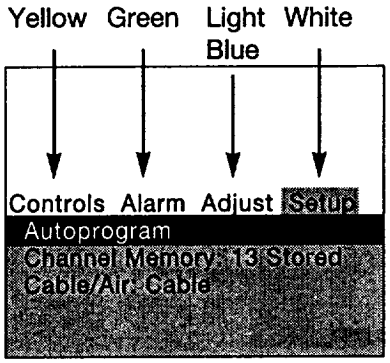
# Quick Guide to Your TV

## Menu Basics

General information about using the on-screen menu system is shown below. *Details on using the remote buttons are on page 6. Many menu items are explained in detail in Adjusting Your TV starting on page 8 and Using the Advanced Features starting on page 11.*

### Colors

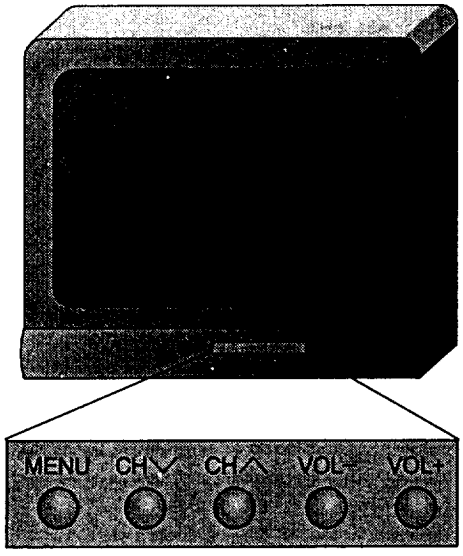



Press MENU on the TV front panel repeatedly to see each of the four menu colors.

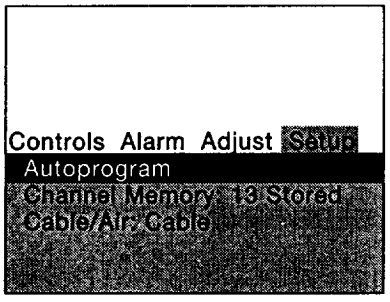
Each menu has a different color background as shown at the left.

### Menu Buttons

These buttons are used with the TV's menus to adjust the features.




### Moving through the Menus




1. Press MENU to move from menu to menu.
2. Press CHANNEL up and down to move up and down through the features in the menu.
3. Press VOLUME + and – to move left and right on the menu lines.



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# Using Your TV and Remote

## Remote Buttons

**POWER**
Turns the TV on and off.

**PREV CHAN (Previous Channel)**
Changes back and forth between two channels.

Select a channel and then select another. Press PREV CHAN to switch between the two channels.

**DISPLAY**
Shows displays on the screen.

Clears menus from the screen.

**MUTE**
Switches the TV sound on or off.

**CHAN △ and ▽**
**(Channel up and down)**
Scans up and down through channels in the TV's memory.

Moves up and down menus. *See Menu Basics on page 5.*

**VOL + and –**
**(Volume up and down)**
Raises and lowers sound.

Moves left and right on a menu line. *See Menu Basics on page 5.*

Changes a feature setting.

**Number Buttons**
Selects any channel number.

Two numbers must be pressed for each channel. Press 0 and 6 for channel 6.

For three digit channels, press and hold 1 until 1-- appears on the screen. Then press the other two numbers.

**INPUT**
Switches the TV to channel 03. This is useful if you have a VCR connected to your TV.

**RESET**
Returns the picture adjustments to the original settings.



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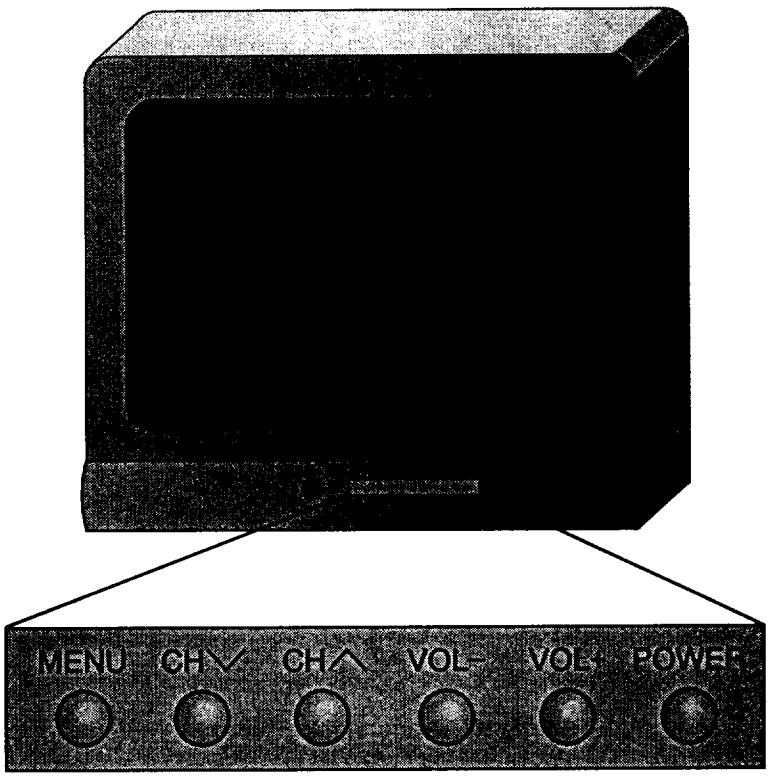
# Using Your TV and Remote

## Front Panel Buttons

*For details on using buttons with menus, see Menu Basics on page 5.*




| | |
|---|---|
| **MENU** | Shows menus on screen.<br>Moves from menu to menu. |
| **CH ∧ and ∨** | Channel up and down.<br>Scans up and down through channels in the TV's memory.<br>Moves up and down menus. |
| **VOL + and –** | Volume up and down<br>Raises and lowers sound.<br>Moves left and right on a menu line.<br>Changes a feature setting. |
| **POWER** | Turns the TV on or off. |



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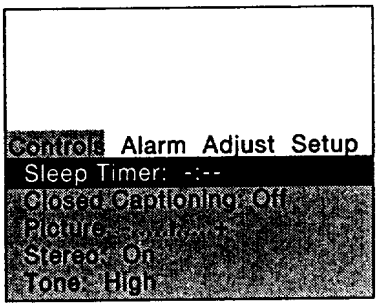
# Adjusting Your TV

## Overall Picture

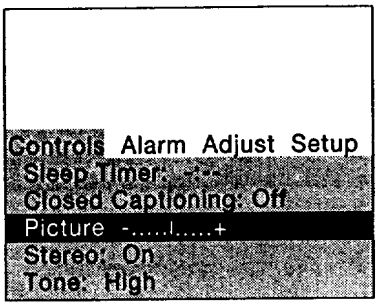
Follow the steps below to lighten or darken the overall picture without changing the color levels.

### 1. Select the Controls Menu



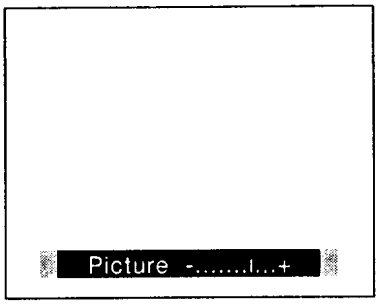

Press MENU on the TV front panel to select the Controls menu. This menu is yellow.

### 2. Highlight Picture




Press CHANNEL down to highlight Picture.

### 3. Use VOLUME + and – to adjust the Picture




Press + to lighten the picture.

OR

Press – to darken the picture.

Press DISPLAY to remove the menu from the screen when you are finished.



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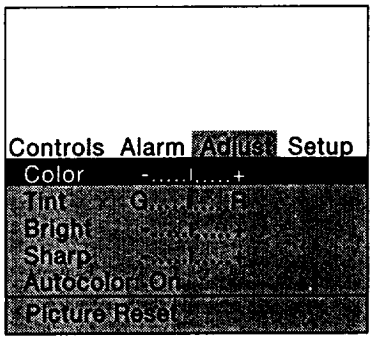
# Adjusting Your TV

## Picture Settings

Follow the steps below to change the picture on the screen to your personal setting. The chart below explains your options.

**1. Select the Adjust Menu**

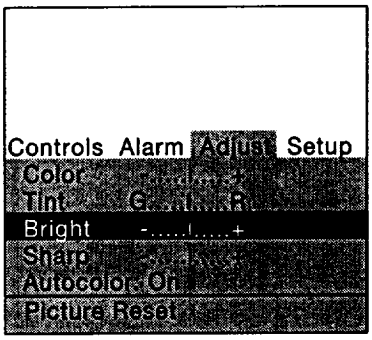



Press MENU on the TV front panel repeatedly to select the Adjust menu. This menu is light blue.

**2. Highlight item to change**

Press CHANNEL down to highlight the picture item you want to adjust.

**3. Use VOLUME + or – to adjust each item**




Press + or – to adjust each item.

Press DISPLAY to remove the menu from the screen when you are finished.

| | Press VOLUME + to: | Press VOLUME – to: |
|---|---|---|
| **Color** | Increase color richness | Lower color to black and white |
| **Tint** | Give red tint to skin color | Give green tint to skin color |
| **Bright** (Brightness) | Add more light to dark parts of the picture | Add more dark to light parts of the picture |
| **Sharp** (Sharpness) | Show cleaner, clearer images | Make picture more smooth |
| **Autocolor** | Turn on to keep Color and Tint in proper balance each time you change channels | Turn off for manual adjustment of Color and Tint |
| **Picture Reset** | Reset the picture back to the original settings | Reset the picture back to the original settings |



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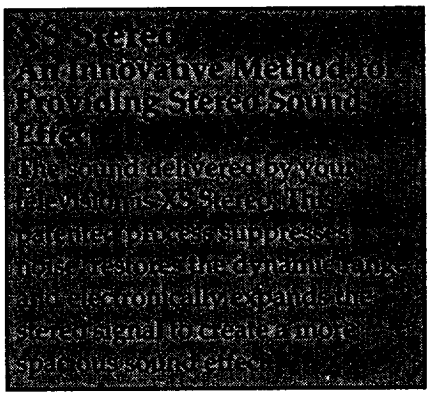
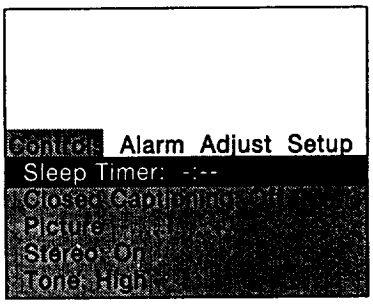
# Adjusting Your TV

## Sound Settings: Stereo and Tone

Follow these steps to adjust the Stereo or Tone of your TV. The chart below explains your options.

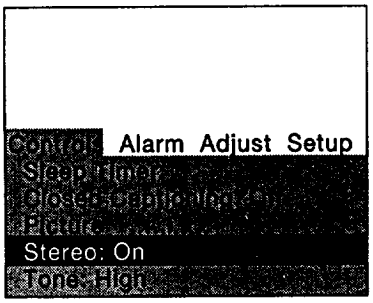


### 1. Select the Controls Menu



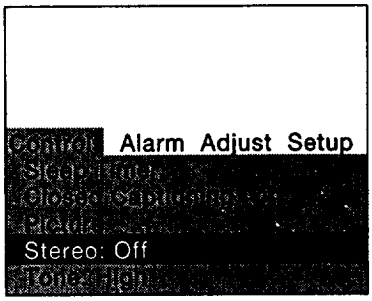

Press MENU on the TV front panel to select the Controls menu. This menu is yellow.

### 2. Highlight item to change




Press CHANNEL down to highlight the sound item you want to adjust.

### 3. Use VOLUME + or – to adjust each item




Press + or – to adjust each item.

Press DISPLAY to remove the menu from the screen when you are finished.

| | | |
|---|---|---|
| **Stereo** | **On**<br>Sound is automatically reproduced in stereo or mono, whichever the TV station is broadcasting. | **Off**<br>Sound is reproduced in mono. |
| **Tone** | **High**<br>High pitched sounds are louder. | **Low**<br>Low pitched sounds are louder. |



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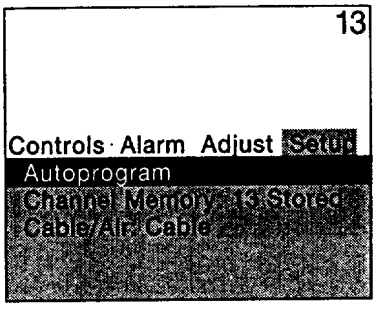
# Using Advanced Features

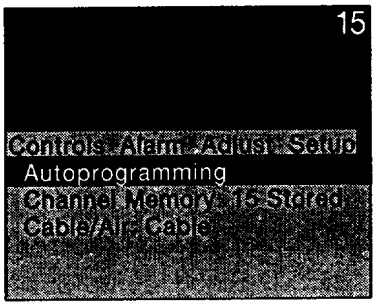
## Placing Channels in Memory (AutoProgramming)

Only channels 2–13 appear in the TV's memory when you first turn it on. The channels available in your area must be programmed into the TV's memory when you hook up your TV. Using CHANNEL up or down allows you to scan through these channels.

You may want to add or delete a few channels if some stations have weak signals or were off the air when the TV was programmed. *Refer to the Add or Delete Channels section below.*

### 1. Place channels in memory (AutoProgram)




A. Hook up an antenna, cable or components before you begin these steps or you will not be able to add channels into memory.

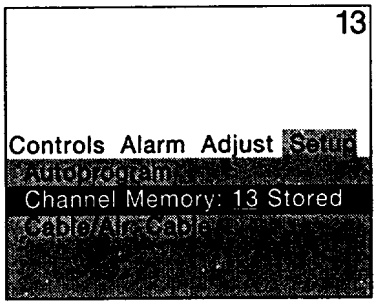
B. Press MENU on the TV front panel repeatedly to select the Setup Menu and highlight Autoprogram. This menu is white.

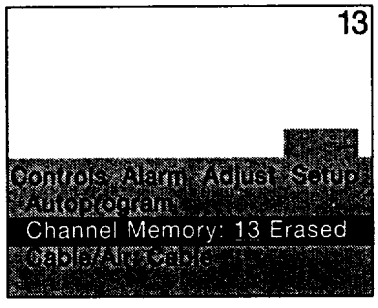
C. Press + to start the TV adding all active channels into memory.

D. Wait until the TV has cycled through all the channels and returns to the original channel.

E. Press DISPLAY to remove the menu from the screen when you are finished.

### 2. Add or delete channels




A. Press MENU on the TV front panel repeatedly to select the Setup menu. This menu is white.

B. Press CHANNEL down to highlight Channel Memory.

C. Press + to underline the channel number.

D. Select the channel number you want to add or delete with the number buttons.

E. Press + to add or delete a channel (you will see Stored on the screen when added and Erased when deleted).

F. Repeat D and E for more channels.

G. Press DISPLAY to remove the menu from the screen when you are finished.



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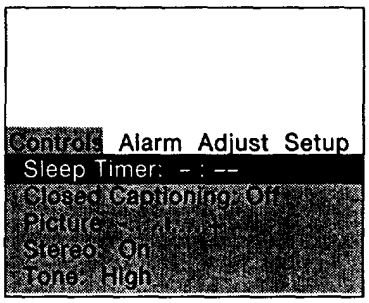
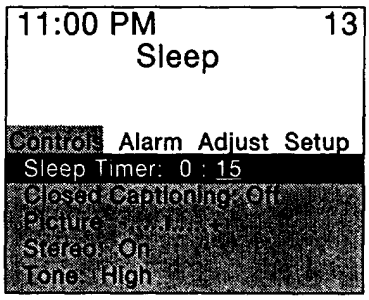
# Using Advanced Features

## Setting the Sleep Timer

You can set your TV to turn itself off. If you're watching TV at night and fall asleep, the TV will turn off for you.

### 1. Set Sleep Timer



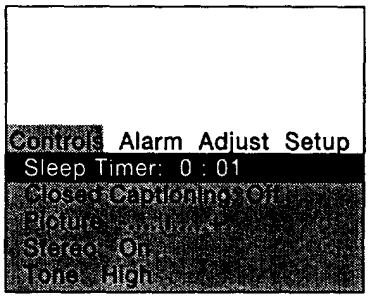

A. Press MENU on the TV front panel to select the Controls menu and highlight Sleep Timer. This menu is yellow.

B. Press + to enter the amount of time you want to watch TV before it shuts off. Each press equals 15 minutes.

C. Press – to subtract time from the sleep timer.

D. Press DISPLAY to remove the menu from the screen when you are finished.

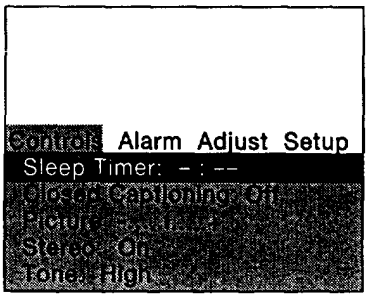
### 2. Add more time




A. When 0:01 appears on the screen, the TV will shut off in one minute. Press + to add more time.

B. Press DISPLAY to remove the menu from the screen when you are finished.

### 3. Cancel the Timer




A. Press MENU to select the Controls menu and highlight Sleep Timer.

B. Press – until the time reaches - : - -.

C. Press DISPLAY to remove the menu from the screen when you are finished.



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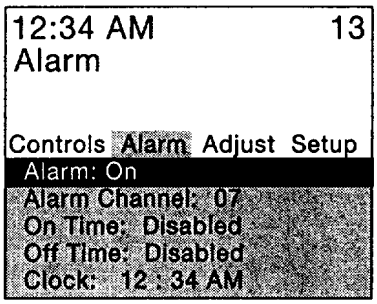
# Using Advanced Features

## Setting the Alarm Clock

The TV can be set to turn on each day like your alarm clock. You can set it to turn on to your favorite channel at a certain time. You can also set it to turn itself off again. The Alarm cannot be used until the clock is set.

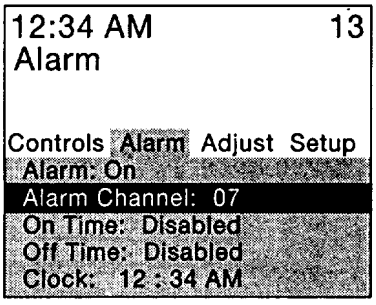
### 1. Turn on the Alarm




A. Press MENU on the TV front panel to select the Alarm menu and highlight Alarm. This menu is green.

B. Press + or – to select On or Off.

### 2. Set the Alarm Channel



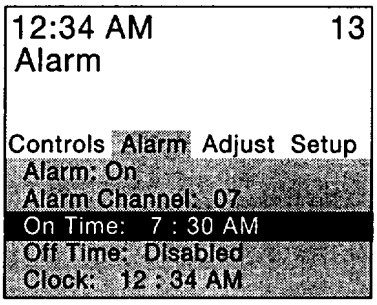

A. Press CHANNEL down to highlight the Alarm Channel.

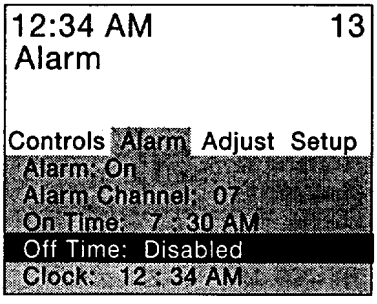
B. Press + to highlight the channel number.

C. Select the channel that you want the TV to turn on to with the number buttons.

D. Press + to enter the channel.

### 3. Set On and Off Times




A. Press CHANNEL down to highlight the On or Off Time.

B. Press – to set the hour.

C. Press + to set the minutes.

D. Press and hold – to choose Disabled. This turns the TV only on or only off at a certain time each day.

E. Press DISPLAY to remove the menu from the screen when you are finished.



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# Using Advanced Features

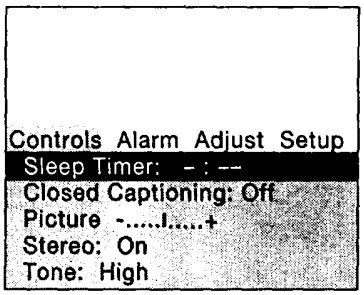
## Watching Closed Captioning

Closed captioning displays the audio portion of a program as words on the TV screen. It is useful for the deaf, hearing impaired, or anyone who wants to watch a program without sound.

If you have turned Closed Captioning on and it does not appear on the screen, it is not available on the channel you are watching. Closed captioning is not available on all programs or at all times.

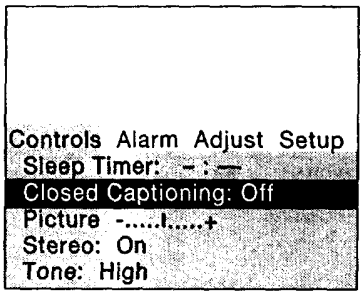
This TV does not support the text mode. Text information typically consists of program information, weather bulletins, local activities, etc.

### 1. Select the Controls Menu



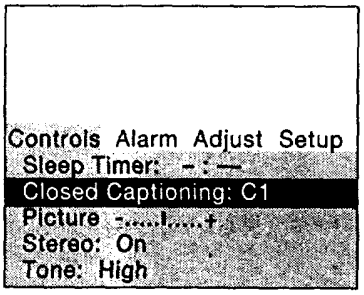

Press MENU on the TV front panel to select the Controls menu. This menu is yellow.

### 2. Highlight Closed Captioning




Press CHANNEL down to highlight Closed Captioning.

### 3. Select Setting




A. Press + or — to select Off, C1, or C2. Select C1 for the display of the primary language in your area. Select C2 for an alternate service such as a secondary language translation, or simplified English.

B. Press DISPLAY to remove the menu from the screen when you are finished.



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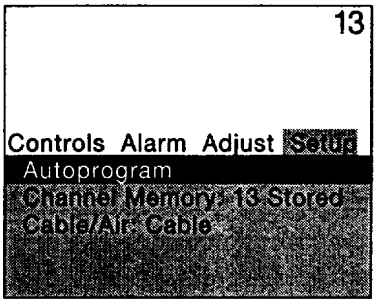
# Using Advanced Features

## Setting Your TV for Antenna or Cable

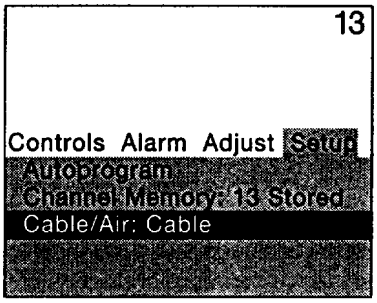
Your TV automatically adjusts this feature when the TV places channels in memory (autoprogram). Follow the steps below to change the setting as needed.

### 1. Select the Setup menu



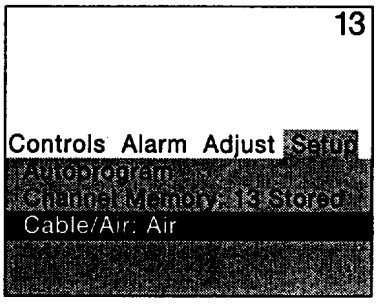

Press MENU on the TV front panel repeatedly to select the Setup menu. This menu is white.

### 2. Highlight Cable/Air




Press CHANNEL down to highlight Cable/Air.

### 3. Select Cable or Air




A. Press + or — to select Cable or Air. Select Cable if you have cable . Select Air if you have a home antenna connected to your TV.

B. Press DISPLAY to remove the menu from the screen when you are finished.



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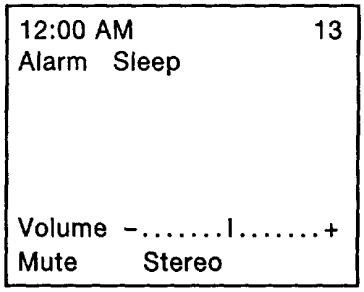
# References

## Displays on the Screen

Your TV shows the settings of several features on the screen. To see what features have been set on your TV, press DISPLAY on the remote.




| Screen Display | Description |
|---|---|
| **12:00 AM** | Time of the clock. *Details are on page 3.* |
| **13** | Channel number you are watching. |
| **Alarm** | Alarm clock is set to turn on or off. *Details are on page 13.* |
| **Sleep** | Sleep Timer is set to turn off the TV. *Details are on page 12.* |
| **Volume** | Sound level of the TV. |
| **Mute** | No sound comes from the TV. MUTE is not displayed when the Closed Captioning feature is on. *See* MUTE *button on page 6.* |
| **Stereo** | The sound is being broadcast in stereo. *Details are on page 10.* |



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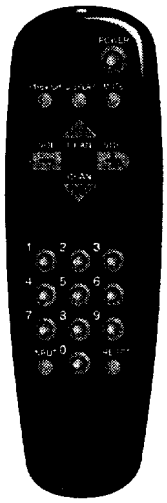
# References

## Order Form for Parts

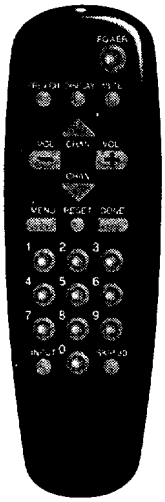
### Remote #213724

This is the remote that came packed with your TV. You can use the order form at the right to order it by mail.



### Remote #213722

This is a step-up remote that allows for direct channel access and more convenient operation.



### Cleaner #AHO35

To clean your TV cabinet, we recommend Murphy's® Oil Soap or Cleaner #AH035. You **should not** use cleaners such as Windex® with vinegar, Lenox® Furniture Polish spray or Heinz® Cleaning Vinegar to clean your TV cabinet. Using these cleaners will permanently mar the surface of the cabinet. Such damage is not covered under your purchase warranty.

Detach Here

**Order Form**
**Book No. 1Q57 370-05B**

| Part | Part Number | Price | Qty | Total |
|---|---|---|---|---|
| Cleaner | AH035 | $ 6.95 | | |
| Remote--CRK63A1 | 213722 | $59.95 | | |
| Remote--CRK63C1 | 213724 | $49.95 | | |

Total ($10 Minimum Order) ..... $_____

Sales Tax ..... $_____

We are required by law to collect the appropriate sales tax for each individual state, county, and locality to which the merchandise is being sent.

Shipping, Handling, and Insurance ..... $ 5.00

Total Amount Enclosed..... $_____

VISA or MasterCard preferred.
Money order or check must be in U.S. currency only.
No COD or CASH.

Fill out both sides of the information

All specifications and descriptions of parts are subject to change without notice.



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# References

## Order Form for Parts

**USE YOUR CREDIT CARD**

Copy complete account number VISA

☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐

Card expires: ☐☐ ☐☐

Copy complete account number MasterCard

☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐

Copy Number above the name on your MasterCard ☐☐☐☐

Card expires: ☐☐ ☐☐

AUTHORIZED SIGNATURE

Prices are subject to change without notice.

PLEASE

Print or type your name and address. This will be your mailing label.

A complete and correct order will save you days of waiting.

Name:_____

Street:_____

_____ Apt: _____

City:_____

State:_____ Zip:_____

Make sure that both sides of this form have been filled out.

Detach Here

### U.S. and Canadian Orders

**By Phone:**

**1 – 800 – 338 – 0376**

Call this toll-free number between 8AM and 8PM Eastern Standard Time and place your order using your Visa or MasterCard. **Use this number only to place an order for accessory items listed on this order form.**

**By Mail:**

Detach the information at the left and mail the payment to Thomson Consumer Electronics, Inc., at:

Video Accessories
PO Box 8419
Ronks, PA 17573

Most orders are shipped UPS within 72 hours. If it is not possible to ship within 30 days, we will notify you.

**For more current information on these accessories, write to the following address:**

Video Accessories Customer Service
Thomson Consumer Electronics, Inc.
Distributor & Special Products
2000 Clements Bridge Rd
Deptford, NJ 08096-2088

### International Orders

This offer is valid only in the U.S. Send your request for price quotation (not orders) to:

International Customer Service
Thomson Consumer Electronics, Inc.
Distributor & Special Products
2000 Clements Bridge Rd
Deptford, NJ 08096-2088 USA



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# References

## Limited Warranty

| | |
|---|---|
| **What your warranty covers:** | Any defect in material or workmanship. |
| **How long after your purchase:** | 90 days for labor charges.<br>One year for parts.<br>Two years for picture tube.<br>The warranty period for rental units begins with the first rental. |
| **What we will do:** | Pay any Authorized RCA Television Servicenter the labor charges to repair your television.<br>Pay any Authorized RCA Television Servicenter for the new or, at our option, rebuilt replacement parts and picture tube required to repair your television. |
| **How you get service:** | For screen sizes of 20" and smaller: Take your RCA television to any Authorized RCA Television Servicenter.<br>For screen sizes larger than 20": Request in-home service from any Authorized RCA Television Servicenter.<br>To identify your nearest Authorized RCA Television Servicenter, ask your Dealer, look in the Yellow Pages, or call 1-800-336-1900.<br>Show the service technician your evidence of purchase date. |
| **What your warranty *does not* cover:** | Customer instruction. (Your Owner's Manual clearly describes how to install, adjust, and operate your television. Any additional information should be obtained from your Dealer.)<br>Installation and related adjustments.<br>Signal reception problems not caused by your television.<br>Damage from misuse or neglect.<br>Remote control batteries.<br>A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.<br>A television purchased or serviced outside the USA. |
| **What to do with the Product Registration Card:** | Please complete and mail the Product Registration Card packed with your set. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage. |
| **How state law relates to this warranty:** | This warranty gives you specific legal rights, and you also may have other rights that vary from state to state. |
| **If you purchased your product outside the United States:** | See your dealer for details. |



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# References

## Trouble Checks

You may have problems that can be fixed with a few minor adjustments. Look for the type of problem you are having below and then try the suggestions to get your TV going again. *For warranty information see page 19.*

| Trouble | Checks and Adjustments |
|---|---|
| **Power** | |
| TV will not turn on | Plug TV in.<br>Plug something else into the outlet to make sure it is working.<br>Make sure batteries in the remote are not dead.<br>Aim the remote at the TV and press POWER.<br>Make sure batteries are placed in the remote the right way. *See batteries on page 2.*<br>Unplug TV for a few minutes and then turn it on again. |
| No picture, no sound but TV has power | Check antenna connections.<br>Check position of Cable/Air feature. *See page 15.*<br>Try another channel. Inactive channel may be tuned. |
| **Picture** | |
| Blank screen | Try another channel. Inactive channel may be tuned.<br>Make sure cable or an antenna is connected to the TV correctly. |
| Picture poor, sound okay | Check antenna connections.<br>Adjust TV picture. *See pages 8-9.* |
| **Remote** | |
| Works part or none of the time | Clear the path between the remote and TV of any objects.<br>Make sure batteries in the remote are not dead.<br>See if batteries are placed in remote correctly. *See batteries, page 2.* |
| Can't select certain channel | Press number buttons. Channel may not be in memory. *See autoprogram on page 11.*<br>For numbers over 100, press and hold 1 until 1-- appears, then press the other two numbers.<br>Set Cable/Air feature to Cable for channels higher than 69. *See page 15.* |



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# References

## Trouble Checks

| Trouble | Checks and Adjustments |
|---|---|
| **Sound** | |
| Noisy stereo reception | Turn Stereo off. The stereo broadcast may not be clear. *See page 10.* |
| Picture okay, no sound | Press VOLUME + or MUTE to restore sound. |
| Picture okay, sound poor | Try another channel.<br>Try adjusting the Stereo or Tone. *See page 10.*<br>Change Stereo to off. The stereo broadcast may not be clear. *See page 10.* |
| No stereo on stereo station | Make sure Stereo is turned on. *See page 10.* |
| **TV Turns on or off** | |
| Turns off by itself | Check Sleep Timer. *See sleep timer on page 12.*<br>Wait 30 seconds and turn on again, a power surge may have occurred.<br>Check Alarm Off time. *See alarm clock on page 13.* |
| Turns on by itself | Check Alarm On Time. *See alarm clock on page 13.*<br>Check clock time. *See clock on page 3.* |
| Does not turn off at Alarm Time | Make sure Alarm is turned on. *See alarm clock on page 13.*<br>Check clock time. *See clock on page 3.*<br>Make sure Clock time is set corrctly, including AM and PM.<br>Check Alarm Off time. |
| **Closed Captioning** | |
| No closed captioning | Turn on closed captioning. *See page 14.*<br>Make sure the program is being broadcast with closed captioning (CC). |



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Thomson Consumer Electronics is one of the first corporations to take part in a special program to improve our environment.

Thomson has committed itself to a voluntary initiative program through the U.S. Environmental Protection Agency. The program's purpose is to reduce toxic air emissions and to promote pollution prevention.

Thomson's involvement includes a concentrated effort to phase in new water-based paints to replace solvent-based paints normally used in our manufacturing operations. The key benefit of these new paints is to significantly reduce air pollution.

Thomson Consumer Electronics remains committed to improving our manufacturing process through changes like these to help our environment. At Thomson, on-going efforts to maintain our valuable natural resources will continue to be a priority.

If your TV needs service, please contact your dealer or the nearest servicenter from the yellow pages. Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product. *See how to get service on page 19.*

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